U.S. Nominations for IHTSDO Standing Committees

August 5, 2013

Content Committee Candidates

Candidates Listed Alphabetically

Candidate Name: **Zahid Butt**

Affiliation: **Medisolv Inc.**

ZAHID W. BUTT, MD FACG
Statement of Interest

I have a long standing interest in standardized terminology and classification systems. Over the last twenty five year I have implemented and used EMR systems both in the Ambulatory and inpatient settings. I am very familiar with the various issues pertaining to capture of structured/codified data and my work in development and implementation of electronic quality measures software has given me additional insights into the importance of robust clinical content and its precise implementation. I am very passionate about technology solutions for clinical decision support and quality improvement. I understand the importance of standardized terminology in both. My unique background and breadth of experiences allow me to connect the dots from the provider, payer and vendor perspectives especially as it relates to quality and patient safety measurement. In addition to being knowledgeable about the big picture, I also have on the ground experience in implementation of performance measures/terminologies at the provider level. In my capacity as a former Director of Clinical Informatics at a large urban hospital and having used an EHR in my own practice since 1996, I understand the challenges faced by end users in adopting standardized terminology and structured data entry. I have been an active member of the Quality Measurement Research and Implementation (QMRI) Council at the NQF and chair the HIMSS Performance Measurement Taskforce. I have also actively participated in The Joint Commission/CMS activities around clinical quality measures in Meaningful Use. I have excellent communication skills and have worked well with teams and groups in the past. I realize the urgent national need to use HIT for quality improvement, patient safety and reducing cost.

ZAHID W. BUTT, MD FACG

Medisolv Inc.   **Columbia, Maryland**
CEO & CMO   1999 to Present
> Founder and CEO of Medisolv Inc. a software company providing business intelligence and comprehensive quality reporting solutions for hospitals and health systems. As CMO I provide guidance to Engineering and Client Services departments regarding all aspects of performance measurement for more than 270 hospitals in the United States and Canada. Medisolv is a Joint Commission ORYX Core Measures vendor and ONC certified for Quality Measurement in Stage I & II Meaningful Use.

St. Agnes Healthcare   **Baltimore, Maryland**
Director of Clinical Informatics   2/95 to 2/2000
> The hospital is currently a Stage 6 in the HIMSS EHR adoption model. I played a key role in implementing a complete EHR including multiple clinical applications. I am also an active user of an Ambulatory Medical Record system since 1996.

Chairman Care Management   1990 to 1994
> Provide physician oversight of the hospital's Utilization and Quality Improvement Department.

Digestive Disease Associates   **Columbia, Maryland**
Founding Partner and Past President   1986 to 2013
> Co-founded and served as the first President of Digestive Disease Associates (DDA), a full service provider of gastroenterology services.

Ascension Health System   **St. Louis, Missouri**
Member CDR National Task force   4/99 to 2/2000

Maryland Health Network   **Columbia, Maryland**
Board Member   10/94 to 1/31/96
> Maryland Health Network was established as a Physician Hospital Organizations (PHO) of five hospitals in the greater Baltimore and Washington areas.

Mid Atlantic Medical Service Inc. (MAMSI)   **Rockville, Maryland**
Member Quality Assurance Committee   10/94 to 01/05
> MAMSI was the largest for profit IPA in the Mid-Atlantic market with more than one million covered lives until its acquisition by United Healthcare in March or 2005. I participated on a regular basis in various quality improvement activities including variance analysis, provider performance and National Committee of Quality Assurance (NCQA) accreditation. I also Co-Chaired the Gastroenterology Sub-Committee.

Veterans Administration National External Peer Review   **Washington, DC**
Physician Expert   1994 to 1997

Howard County General Hospital   **Columbia, Maryland**
Senior Attending Physician   1984 to Present
> Senior Attending, Medical Staff. I have served on the Quality assurance, Credentials and Appeals Committees of the Hospital.

St. Agnes Healthcare   **Columbia, Maryland**
Senior Attending Physician   1984 to Present
> Senior Attending, Medical Staff. I was elected President of the Medical Staff for a two year period.

Appointments   **Baltimore, Maryland**
Chair HIMSS Quality Measurement Task Force
Chair NQF eMeasures Learning Collaborative
Member NQF Health Information Technology Advisory Committee (HITAC)
Member Technical Advisory Committee for Organ Transplants and Donations   1997 to 1999
> I was appointed Member of Technical Advisory Committee for Organ Transplants and Donations for the State of Maryland. The Committee assisted the state Planning Commission in its recommendations to the Legislature for organ transplant and donations in the State of Maryland.

Education
Board Certified in Internal Medicine & Gastroenterology
Fellow of the American College of Gastroenterology

Skills Matrix – Content Committee

Nominee

Name	Zahid Butt

Skills Matrix

IHTSDO seeks individuals with a mix of skills to serve on Standing Committees. Please mark the attribute(s) in which you have experience and expertise at an organizational, national and/or international level.

Attributes	Check all that apply
SNOMED CT Editor	
SNOMED CT Design	
SNOMED CT Implementation	X
SNOMED CT Tooling	
Other Terminology Design, Development & Release	
Other Terminology Implementation	X
Classification & Grouping	
Engineering of natural language processing (NLP) systems	
Engineering of semantic systems (ontologies, decision support, knowledge engineering)	X
Command of two or more languages (e.g. Chinese, French, German, etc)	
National and International Standards Development and/or Approval	
Registered Clinical Professional (current or past)	X
Software design and development	X
Software production for market	X
Data Standards Management including Policy	
Chief Information Officer and/or Chief Technical Architect Management	X
Active in the IHTSDO community (member of SIG and/or Project Group)	

Candidate Name: **James T. Case MS, DVM, PhD, FACMI**

Affiliation: **U.S. National Library of Medicine**

Statement of Interest – IHTSDO Content Committee

James T. Case M.S., D.V.M., Ph.D., FACMI

I have been involved in standardized health terminology for over 20 years as a terminologist for the American Veterinary Medical Association Standards Committee, the American Association of Laboratory Diagnosticians Informatics Committee, The United States Animal Health Association Animal Health Information Systems Committee and a wide variety of other professional and organizational committees interested in the proper creation and use of standard terminology. I have also provided many years of advisory work with and for the Centers for Disease Control, primarily to support their disease reporting systems. These activities involved substantial contribution to a number of health standards, including HL7, LOINC and SNOMED.

In an effort to reconcile long standing issues in the organism hierarchy within SNOMED CT, I organized and hosted a taxonomy summit in 2006 in which participants from the US, UK and Canada proposed wide ranging changes to the organism hierarchy and patterns for future work. As the chief messaging architect for the National Animal Health Laboratory Network, I worked closely with the terminology team to provide SNOMED CT content specifically suited for national surveillance for animal diseases.

In my position with the U.S. National Library of Medicine, I have been given the responsibility to enhance the adoption and implementation of SNOMED within the US realm. As stated most appropriately in James Cimino's desiderata for controlled medical terminologies, the number one issue to be addressed is content. Without the ability to represent medical knowledge appropriately, a terminology cannot provide any of the anticipated benefits arising from the capture of standardized content. To this end I have been involved in content management for the US extension to SNOMED CT and have successfully released semi-annual updates since Mach 2011. I have also developed working relationships with a number of professional organizations desiring to implement SNOMED CT including the American Dental Association, The American Dietetic Association, the Pharmacist Services Technical Advisory Coalition and a number of others.

I was heavily involved in the design of the US SNOMED CT Content Request System, which was recently adopted by IHTSDO as the system for International request management. Since its deployment, the USCRS has received nearly 10,000 individual requests for content addition and changes. In my role as a co-chair of the Vocabulary Work Group of HL7 I have lead efforts to develop closer collaboration between IHTSDO and HL7. As a certified IHTSDO consultant terminologist, I assist the IHTSDO Chief Terminologist in addressing the large backlog of outstanding content projects.

Having been involved with the implementation of SNOMED CT in a large scale project, I feel that the work of the content committee is of utmost importance and I believe that my clinical and technical experience in the area of health standardization would provide benefit to the committee. There are many outstanding issues with the current content that need to be addressed both from a formal and practical perspective and my new role as a consultant terminologist provides me with the venue to begin to address these important issues. Membership on the Content Committee would provide a more direct communications channel between the work being done as a consultant terminologist and the issues deemed important by the committee.

CURRICULUM VITAE
James Timothy Case

WORK EXPERIENCE
- 2010 –present: Health Program Specialist, SNOMED CT. NLM/NIH, Bethesda, MD.
- 1999-2010: Professor, Clinical Diagnostic Informatics. CAHFS, University of California, Davis.
- 1993-1999: Assoc. Professor of Clinical Diagnostic Medicine. CAHFS, University of California, Davis.
- 1988-1993: Asst. Professor of Clinical Diagnostic Medicine. Head, IS, CAHFS, University of California, Davis.
- 1986-1988: Assistant Adjunct Professor. Acting Administrator, Information and Surveillance Systems, California Veterinary Diagnostic Laboratory (CAHFS), University of California, Davis.

FORMAL EDUCATION
- 1984-1988: Ph.D, Comparative Pathology, University of California, Davis.
- 1980-1984: Doctor of Veterinary Medicine, University of California, Davis, School of Veterinary Medicine.
- 1977-1980: Master of Science, Genetics. Stanford University, Department of Genetics.
- 1974-1977: Bachelor of Science, Genetics. University of California, Davis, March 24, 1977.

STANDARDS ACTIVITY

I have been actively involved in healthcare standards for over 20 years, specifically with HL7, LOINC and SNOMED and have made substantial contributions to each of these in the context of human, animal and public health. I was a founding co-chair of the HL7 Public Health and Emergency Response Work Group and as a member of the HL7 Technical Steering Committee. I have taught a laboratory LOINC tutorial semi-annually for over eleven years and have contributed hundreds of concepts to SNOMED CT. As the chief messaging architect for the National Animal Health Laboratory Network I was responsible for implementing standards in support of animal disease surveillance.

In my current position at the National Library of Medicine I am responsible for development and maintenance of the US extension to SNOMED CT. I participated heavily in the design of the US SNOMED CT Content Request System, which has been adopted by IHTSDO. I have been involved with the semi-annual release of the US edition of SNOMED CT as well as a number of associated policy and guidance documents. In my role as a co-chair of the Vocabulary Work Group of HL7 I have lead efforts to develop closer collaboration between IHTSDO and HL7. As a certified IHTDO consultant terminologist, I assist the IHTSDO Chief Terminologist in addressing the large backlog of outstanding content projects. I am currently serving as a member of the IHTSDO Content Committee.

I have made numerous presentations to academic, professional and government organizations on the use and benefits of standards adoption and have provided substantial amounts of advice to implementers on the creation and use of standard terminology in both health applications and data interoperability.

SELECT PUBLICATIONS
- Auditing complex concepts of SNOMED using a refined hierarchical abstraction network. Wang Y, Halper M, Wei D, Gu H, Perl Y, Xu J, Elhanan G, Chen Y, Spackman KA, **Case JT**, Hripcsak G. J Biomed Inform. 2012 45(1):1-14.
- Jeffrey R Wilcke, Julie M Green, Kent A Spackman, Michael K Martin, **James T Case**, Suzanne L Santamaria, and Kurt Zimmerman. 2010. Concerning SNOMED-CT content for public health case reports. J Am Med Inform Assoc. 2010 September; 17(5): 613.
- **Case JT**. (2005) Are we really communicating? Standard terminology versus terminology standards in veterinary clinical pathology. Vet Clin Pathol. 34:5-6.
- **Case, JT** and Wilcke, JW. Implementation Guide for the Electronic Reporting to the Veterinary Medical Data Base. July 2001. AVMA Subcommittee on Standards.
- Schadow, G., Russler D., Mead, C., **Case, JT**, McDonald C. May, 2000. The Unified Service Action Model: Documentation for the clinical area of the HL7 Reference Information Model. Regenstrief Institute for Health Care, Indianapolis, IN.
- Gobar, GM, **Case JT**, Kass PH. (1998). Program for surveillance of causes of death of dogs, using the Internet to survey small animal veterinarians. JAVMA. 213:251-256.

Skills Matrix – Content Committee

Nominee

Name	James T. Case

Skills Matrix

IHTSDO seeks individuals with a mix of skills to serve on Standing Committees. Please mark the attribute(s) in which you have experience and expertise at an organizational, national and/or international level.

Attributes	Check all that apply
SNOMED CT Editor	X
SNOMED CT Design	X
SNOMED CT Implementation	X
SNOMED CT Tooling	X
Other Terminology Design, Development & Release	X
Other Terminology Implementation	X
Classification & Grouping	X
Engineering of natural language processing (NLP) systems	
Engineering of semantic systems (ontologies, decision support, knowledge engineering)	
Command of two or more languages (e.g. Chinese, French, German, etc)	
National and International Standards Development and/or Approval	X
Registered Clinical Professional (current or past)	X
Software design and development	
Software production for market	
Data Standards Management including Policy	X
Chief Information Officer and/or Chief Technical Architect Management	
Active in the IHTSDO community (member of SIG and/or Project Group)	X

Candidate Name: **Geraldine Wade MD, MS**

Affiliation: **Clinical Informatics Consulting**

Statement of Interest

Geraldine Wade MD, MS

July 12, 2013

RE: US Nominations – IHTSDO Standing Committees

To the National Library of Medicine:

   I would like to continue serving on the Content Committee of the IHTSDO. My background and interests are best aligned with the content and structure of SNOMED CT and how that content is represented within data structures designed for clinical settings, including the overlap with other nationally adopted terminological standards. I currently support hospitals, vendors and specialty societies in structuring their content to align with SNOMED CT.

Specific focus areas and experience:

   ✓ Mapping of legacy data to SNOMED CT; options for modeling

   ✓ Semantic equivalency and consensus

   ✓ Interface terminology versus machine-readable terminology; end-user needs

   ✓ Implementation issues- how SNOMED CT versions impact mapped concepts

   ✓ Post-coordination issues; impact of post-coordination rules and terminology update process

   ✓ Assessing concept voids in SNOMED CT - identify concepts needed by clinicians and for linkage with clinical practice guidelines

   ✓ Extracting data elements from clinical practice guidelines and assigning data types with corresponding standards

   ✓ Transforming quality measures using SNOMED CT content for value sets

   ✓ Interplay of SNOMED CT with other code sets in interoperable models

   ✓ SNOMED CT teaching and presentations

Related publications: http://www.clinicalinformatics.us/pubs.html
Related presentations: http://www.clinicalinformatics.us/present.html

Thank you for your consideration,

Geraldine Wade MD, MS
Clinical Informatics Consulting

Geraldine Wade MD, MS

Position: Principal, Managing Director, Clinical Informatics Consulting

Summary
Dr. Wade currently provides expertise in healthcare data standards, industry trends and data transformation methodologies for improved data aggregation, analysis and IT interoperability. She currently serves as a member of the IHTSDO Content Committee.   - Proficient in content modeling of SNOMED CT, application of post-coordination, legacy data migration/ mapping and data element extraction from clinical practice guidelines   - Skilled in helping clients with data needs assessments and migration strategies to transform their data to meet national "meaningful use" requirements and the incorporation of quality measure standards   - Consultant terminologist for the IHTSDO   - Additional background information at : http://www.clinicalinformatics.us

Education	
MD	Emory University School of Medicine, Atlanta, GA Board Certified in Internal Medicine and Pediatrics Medical License - State of Georgia
MS	University of Utah School of Medicine, Salt Lake City, UT Medical Informatics
BA	University of Delaware, Newark, DE Biological Sciences

Experience
- Principal, Managing Director, *Clinical Informatics Consulting (2009-Current)*   - Director of Medical Informatics, *Hewlett-Packard Company (2007-2008)*   - Senior Industry Expert, *Computer Sciences Corporation(2006-2007)*   - Medical terminology SME, *Health Language, Inc.(2004-2005)*   - Senior Medical Informaticist*, Centers for Disease Control (2000-2003)*   - Senior Policy Analyst, *U.S. Dept. of Health and Human Services (2003); link*   - Medical Informatics Fellow*, VA Medical Center, Salt Lake City, UT (97-99)*   - Medical Practice*, Internal Medicine and Pediatrics (since 1985)*

Relevant Publications
- Wade G. "Implementing SNOMED CT for Quality Reporting: Avoiding Pitfalls". Applied Clinical Informatics 2011; 2:534-545. Link to Abstract   - Wade G, Rosenbloom ST. "The impact of SNOMED CT revisions on a mapped interface terminology: Terminology development and implementation issues " Journal of Biomedical Informatics 2009 Jun;42(3):490-3 Link to Abstract   - Wade G, Weigle CG, Warren RW, Gotlieb EM. "Assessing Voids in SNOMED CT for Pediatric Concepts". AMIA Annu Symp Proc. 2008 Nov 6:1164. Link to Abstract   - Wade G, Rosenbloom ST. "Experiences Mapping a Legacy Interface Terminology to SNOMED CT". BMC Med Inform Decision Making 2008 Oct 27; 8 (Suppl 1):S3 Link to Paper

Links
Presentations

INTERNATIONAL HEALTH TERMINOLOGY
STANDARDS DEVELOPMENT ORGANISATION

Skills Matrix – Content Committee

Please help us to ensure that IHTSDO Committees consist of a balanced and diverse set of expertise and experience. We would appreciate if you could complete the form below, marking each box for which you have relevant skills or experience.

Please send completed forms to the National Library of Medicine via e-mail (nichsr@nlm.nih.gov) no later than COB July 29th. Please use the subject "US Nominations – IHTSDO Standing Committees".

Thank you for helping to ensure a strong advisory structure for IHTSDO and its Members.

Nominee

Name	Geraldine Wade MD, MS

Skills Matrix

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SNOMED CT Design	√
SNOMED CT Implementation	√
SNOMED CT Tooling	√
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Other Terminology Implementation	√
Classification & Grouping	√
Engineering of natural language processing (NLP) systems	
Engineering of semantic systems (ontologies, decision support, knowledge engineering)	
Command of two or more languages (e.g. Chinese, French, German, etc)	
National and International Standards Development and/or Approval	√
Registered Clinical Professional (current or past)	√
Software design and development	√
Software production for market	
Data Standards Management including Policy	√
Chief Information Officer and/or Chief Technical Architect Management	
Active in the IHTSDO community (member of SIG and/or Project Group)	√